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UTILITY PATENT APPLICATION TRANSMITTAL			First I	First Inventor Title															
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AND LOATION ELEMENTS				ADDRESS															
SEE I	MPEP chapter 600 cor	ocerning utility patent application	on content	s.		Alexandria VA 22313													
$\boxtimes$	Fee Transmittal Form (Submit en original end e duplice)		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary)																
	Applicant claims sma See 37 CFR 1.27.	Il entity status.			_ ☐ co	mputer Readable Form (CRF) ation Sequence Listing on:													
$\boxtimes$	Specification (preferred arrangement set forth belo	[Total Pages: 28]				. CD-ROM or CD-R (2 co	pies); or												
	-Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D Reference to sequence listing, a table,				ii														
	or a computer program listing appendix -Background of the Invention			Γ	ACCOMPANYING APPLICATION PARTS														
	Briof Summary of the Invention			t	Assignment Papers (cover sheet & documents(s))														
	-Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure  Drawing(s) (35 U.S.C. 113)  [Total Pages: 4]			10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)															
					English Translation Document (if applicable)														
4. Drawing(s) (so c.s.e. 1)					12   II	nformation Disclosure	Copies of IDS C	itations	3										
. Oati	h or Declaration		J			Statement (IDS)/PTO-1449 Preliminary Amendment													
a Newly executed (original or copy)  b Copy from a prior application (37 CFR 1.63 (d))  (for continuation/divisional with Box 18 completed)					14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)														
	(for continuation	n/divisional with box 18 completes	·/		15 🛛	Certified Copy of Priority Docu (if foreign priority is claimed)	ment(s)												
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)					16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other: Figs. 1-5, Credit Card Payment Form, List														
										6. Application Data Sheet. See 37 CFR 1.76					and Copies of Prior Art  ply the requisite information below and in a preliminary amendment,				
										10 14	E 2 CONTINUING AF	PLICATION, check appropri	iate box,	and supp	y the requis	ite information below and	ın a preliminary alı	ıçı lülli	
or in	an Application Data	Sheet under 51 57 11 11 1		tion-in-part		prior application No.:													
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Prior	application information	Examiner: Art	ire disclos	 sure of the	prior applica	ition, from which an oath or	declaration is suppli v incorporated by re	ference	e.										
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Signature

| Date | October 10, 2003
| Date

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known **FEE TRANSMITTAL** Application Number October 10, 2003 for FY 2003 Filing Date MAEDA, AKINORI First Named Inventor Examiner Name Effective 01/01/2003. Patent fees are subject to annual revision. Art Unit Applicant claims small entity status. See 37 CFR 1.27 520,43191X00 Attorney Docket No. (\$) 856.00 TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) ADDITIONAL FEES 🔲 Check 🖾 Credit Card 🔲 Money Order 🗎 Other 🔲 None Small Large Entity Entity □ Deposit Account: Fee Fee Fee Fee Paid Fee Description (\$) Code (\$) Code Deposit Account Number 01-2135 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP Surcharge - late filing fee or oath 65 2051 1051 130 Surcharge - late provisional filing fee or The Commissioner authorized to: (check all that apply) 25 1052 50 2052 ☐ Charge fees indicated below ☐ Credit any overpayments cover sheet Charge any additional fee(s) during the pendency of this Non-English specification 130 1053 1053 130 2,520 For filing a request for ex parte reexamination 1812 1812 ☐ Charge fees indicated below, except for the filing fee 2,520 Requesting publication of SIR prior to 920\* 1804 to the above-identified deposit account. 1804 920\* Examination action **FEE CALCULATION** 1,840\*Requesting publication of SIR after 1.840\* 1805 1805 Examiner action 1. BASIC FILING FEE Extension for reply within first month 110 2251 55 **Entity Small Entity** 1251 Large Extension for reply within second month **Fee Description** Fee Fee Fee Paid Fee 1252 410 2252 205 Fee Extension for reply within third month Code (\$) Code 770.00 930 2253 465 2001 375 Utility filing fee 1253 1001 750 Extension for reply within fourth month 2254 1 450 2002 165 Design filing fee 1254 1002 330 Extension for reply within fifth month 2255 1255 1.970 2003 260 Plant filing fee 1003 520 2401 160 Notice of Appeal 1401 320 2004 375 Reissue filing fee 1004 750 Filing a brief in support of an appeal 2402 160 320 Provisional filing fee 1402 2005 80 1005 160 Request for oral hearing 2403 140 280 1403 770.00 1,510 Petition to Institute a public use proceeding SUBTOTAL (1) 1451 1,510 1451 Petition to revive - unavoidable 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 2452 110 1452 Petition to revive - unintentional Fee from 2453 1,300 1453 Fee Paid Extra Claims below Utility issue fee (or reissue) 1,300 2501 650 1501 0 -20\*\* = 0 18 Total Claims 19 2502 Design issue fee 470 1502 86.00 x 86 -3\*\* = 1 Plant issue fee Indep. 2503 1503 630 Claims Petitions to the Commissioner 1460 130 1406 130 290 Processing fee under 37 CFR 1.17(q) Multiple Dependent 50 1807 1807 50 Submission of Information Disclosure Stmt 1806 180 1806 180 Small Entity Entity Large Recording each patent assignment per Fee Description Fee 40 Fee Fee 8021 40 8021 property (times number of properties) Code (\$) Code (\$) Claims in excess of 20 2202 9 Filing a submission after final rejection 18 1202 2809 1809 750 (37 ČFR § 1.129(a)) Independent claims in excess of 3 2201 42 1201 84 For each additional invention to be 2810 1810 750 Multiple dependent claim, if not paid examined (37 CFR § 1.129(b)) 140 2203 1203 280 Request for Continued Examination (RCE) 2801 375 1801 750 \*\* Reissue independent claims 2204 42 1204 84 Request for expedited examination over original patent 1802 1802 900 of a design application \*\* Reissue claims in excess of 20 9 1205 18 2205 Other fee (specify) and over original patent SUBTOTAL (2) \$ 86.00 SUBTOTAL (3) (\$) 0.00 \*\*or number previously paid, if greater; For Reissues, see above Reduced by Basic Filing Fee Paid Complete (if applicable) SUBMITTED BY Registration No 703-312-6600 Telephone 22,466 (Attorney/Agent) Melvin Klaus Name (Print/Type) October 10, 2003

> WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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